

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "Methods and Apparatus for Address Generation in Processors," the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Priority Claimed

_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial Number)	(Day/Month/Year Filed)
_____	_____
(Application Serial Number)	(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

_____	_____	_____
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
_____	_____	_____
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

James A. Flight (37,622)	Mark C. Zimmerman (44,006)	Mark G. Hanley (44,736)	Frankie Ho (48,479)
Joseph T. Jasper (50,833)			

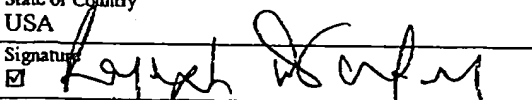
of Grossman & Flight, LLC., Suite 4220, 20 North Wacker Drive, Chicago, Illinois 60606, and

Alan K. Aldous (31,905)	Ted A. Crawford (50,610)	Peter Lam (44,855)	Michael Proksch (43,021)	David Tran (50,804)
Rob D. Anderson (33,826)	Robert Diehl (40,992)	Issac Lin (50,672)	Kevin A. Reif (36,381)	John F. Travis (43,203)
Shireen I. Bacon (40,494)	Jeffrey S. Draeger (41,000)	Anthony Martinez (44,223)	Crystal D. Sayles (44,318)	Robert Wawrzyn (54,654)
Michael Barre (44,023)	Cynthia Thomas Faatz (39,973)	Molly McCall (46,126)	Russell Scott (43,103)	Calvin E. Wells (43,256)
Jay P. Beale (50,901)	Christopher Gagne (36,142)	Larry Mennemier (51,003)	Kenneth M. Seddon (43,105)	Stuart Whittington (45,215)
R. Edward Brake (37,784)	Sharmini N. Green (41,410)	Paul Nagy (37,896)	Mark Seeley (32,299)	Michael Willardson (50,856)
Ben Burge (42,372)	Robert Greenberg (44,133)	Michael J. Neshewat (47,819)	Ami P. Shah (42,143)	Robert Winkle (37,474)
Robert Chang (48,765)	Bradley Greenwald (34,341)	Dennis A. Nicholls (42,036)	David Simon (32,756)	Rita Wisor (41,382)
George Chen (50,807)	Libby Hope (46,774)	Lanny Parker (44,281)	Steven P. Skabrat (36,279)	Sharon Wong (37,760)
Glen B. Choi (43,546)	Jeffrey B. Huter (41,086)	Alan Pedersen-Giles (39,996)	Paul E. Steiner (41,326)	Steven D. Yates (42,242)
Kenneth Cool (40,570)	Seth Z. Kelson (40,670)	Michael D. Plimier (43,004)	Joni D. Stutman-Horn (42,173)	

of Intel Corporation, 2200 Mission College Blvd., Santa Clara, California 95052, telephone (408) 765-8080.

Send correspondence to: Mark C. Zimmerman

FIRM NAME	PHONE NO.	STREET	CITY & STATE	ZIP CODE
Grossman & Flight, LLC	312-580-1020	Suite 4220 20 North Wacker Drive	Chicago, Illinois	60606

Full Name of First or Sole Inventor Rajesh B. PATEL	Citizenship USA
Residence Address - Street 9313 Silk Oak Cove	Post Office Address - Street Same
City (Zip) Austin 78748	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/> 12/23/2003	Signature <input checked="" type="checkbox"/> 

Second Joint Inventor, if any Robert L. FARRELL	Citizenship USA
Residence Address - Street 2167 Promontory Pt. Ln.	Post Office Address - Street Same
City (Zip) Gold River 95670	City (Zip) Same
State or Country California	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

James A. Flight (37,622)	Mark C. Zimmerman (44,006)	Mark G. Hanley (44,736)	Frankie Ho (48,479)
Joseph T. Jasper (50,833)			

of Grossman & Flight, LLC., Suite 4220, 20 North Wacker Drive, Chicago, Illinois 60606, and

Alan K. Aldous (31,905)	Ted A. Crawford (50,610)	Peter Lam (44,855)	Michael Proksch (43,021)	David Tran (50,804)
Rob D. Anderson (33,826)	Robert Diehl (40,992)	Issac Lin (50,672)	Kevin A. Reif (36,381)	John F. Travis (43,203)
Shireen I. Bacon (40,494)	Jeffrey S. Draeger (41,000)	Anthony Martinez (44,223)	Crystal D. Sayles (44,318)	Robert Wawrzyn (54,654)
Michael Barre (44,023)	Cynthia Thomas Paatz (39,973)	Molly McCall (46,126)	Russell Scott (43,103)	Calvin E. Wells (43,256)
Jay P. Beale (50,901)	Christopher Gagne (36,142)	Larry Mennemeier (51,003)	Kenneth M. Seddon (43,105)	Stuart Whittington (45,215)
R. Edward Brake (37,784)	Sharmini N. Green (41,410)	Paul Nagy (37,896)	Mark Seeley (32,299)	Michael Willardson (50,856)
Ben Burge (42,372)	Robert Greenberg (44,133)	Michael J. Nesheiwat (47,819)	Ami P. Shah (42,143)	Robert Winkle (37,474)
Robert Chang (48,765)	Bradley Greenwald (34,341)	Dennis A. Nicholls (42,036)	David Simon (32,756)	Rita Wisor (41,382)
George Chen (50,807)	Libby Hope (46,774)	Lanny Parker (44,281)	Steven P. Skabrat (36,279)	Sharon Wong (37,760)
Glen B. Choi (43,546)	Jeffrey B. Huter (41,086)	Alan Pedersen-Giles (39,996)	Paul E. Steiner (41,326)	Steven D. Yates (42,242)
Kenneth Cool (40,570)	Seth Z. Kalson (40,670)	Michael D. Plimier (43,004)	Joni D. Stutman-Horn (42,173)	

of Intel Corporation, 2200 Mission College Blvd., Santa Clara, California 95052, telephone (408) 765-8080.

Send correspondence to: Mark C. Zimmerman

PTM NAME	PHONE NO.	STREET	CITY & STATE	ZIP CODE
Grossman & Flight, LLC	312-580-1020	Suite 4220 20 North Wacker Drive	Chicago, Illinois	60606

Full Name of First or Sole Inventor Rajesh B. PATEL	Citizenship USA
Residence Address - Street 9313 Silk Oak Cove	Post Office Address - Street Same
City (Zip) Austin 78748	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Second Joint Inventor, if any Robert L. FARRELL	Citizenship USA
Residence Address - Street 2167 Promontory Pt. Ln.	Post Office Address - Street Same
City (Zip) Gold River 95670	City (Zip) Same
State or Country California	State or Country USA
Date <input checked="" type="checkbox"/> 1/9/2004	Signature <input checked="" type="checkbox"/> Robert L. Farrell

Full Name of First or Sole Inventor James E. PHILLIPS	Citizenship USA
Residence Address - Street 1602 Pin Oak Lane	Post Office Address - Street Same
City (Zip) Round Rock 78681	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/> 12/18/2003	Signature <input checked="" type="checkbox"/> James E. Phillips

Second Joint Inventor, if any Belliappa KUTTANNA	Citizenship USA
Residence Address - Street 11100 Bexley Lane	Post Office Address - Street Same
City (Zip) Austin 78739	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Full Name of First or Sole Inventor Scott E. SIERS	Citizenship USA
Residence Address - Street 9989 Parkglan Ct.	Post Office Address - Street Same
City (Zip) Elk Grove 95624	City (Zip) Same
State or Country California	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Second Joint Inventor, if any T.W. GRIFFITH	Citizenship USA
Residence Address - Street 1903 Birds Nest Court	Post Office Address - Street Same
City (Zip) Cedar Park 78613	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

APPLICABLE RULES AND STATUTES

37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and

Full Name of First or Sole Inventor James E. PHILLIPS	Citizenship USA
Residence Address - Street 1602 Pin Oak Lane	Post Office Address - Street Same
City (Zip) Round Rock 78681	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Second Joint Inventor, if any Belliappa KUTTANNA	Citizenship USA
Residence Address - Street 11100 Bexley Lane	Post Office Address - Street Same
City (Zip) Austin 78739	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/> 12/18/03	Signature <input checked="" type="checkbox"/> <i>MBelliappa</i>

Full Name of First or Sole Inventor Scott E. SIERS	Citizenship USA
Residence Address - Street 9989 Parkglan Ct.	Post Office Address - Street Same
City (Zip) Elk Grove 95624	City (Zip) Same
State or Country California	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Second Joint Inventor, if any T.W. GRIFFITH	Citizenship USA
Residence Address - Street 1903 Birds Nest Court	Post Office Address - Street Same
City (Zip) Cedar Park 78613	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

APPLICABLE RULES AND STATUTES

37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

BEST AVAILABLE COPY

patent art cited in search reports of a foreign patent office in a counterpart application, and

Residence Address - Street 1602 Pin Oak Lane	Post Office Address - Street Same
City (Zip) Round Rock 78681	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Second Joint Inventor, if any Belliappa KUTTANNA	Citizenship USA
Residence Address - Street 1100 Bexley Lane	Post Office Address - Street Same
City (Zip) Austin 78739	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Full Name of First or Sole Inventor Scott B. SIERS	Citizenship USA
Residence Address - Street 9989 Parklen Ct.	Post Office Address - Street Same
City (Zip) Elk Grove 95624	City (Zip) Same
State or Country California	State or Country USA
Date <input checked="" type="checkbox"/> 1-5-2004	Signature <input checked="" type="checkbox"/> Scott B. Siers

Second Joint Inventor, if any T.W. GRIFFITH	Citizenship USA
Residence Address - Street 1903 Birds Nest Court	Post Office Address - Street Same
City (Zip) Cedar Park 78613	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

APPLICABLE RULES AND STATUTES

37 CFR 1.55. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application and

BEST AVAILABLE COPY

Full Name of First or Sole Inventor James E. PHILLIPS	Citizenship USA
Residence Address - Street 1602 Pin Oak Lane	Post Office Address - Street Same
City (Zip) Round Rock 78681	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Second Joint Inventor, if any Belliappa KUTTANNA	Citizenship USA
Residence Address - Street 11100 Bexley Lane	Post Office Address - Street Same
City (Zip) Austin 78739	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Full Name of First or Sole Inventor Scott E. SIERS	Citizenship USA
Residence Address - Street 9989 Parkglen Ct.	Post Office Address - Street Same
City (Zip) Elk Grove 95624	City (Zip) Same
State or Country California	State or Country USA
Date <input checked="" type="checkbox"/>	Signature <input checked="" type="checkbox"/>

Second Joint Inventor, if any T.W. GRIFFITH	Citizenship USA
Residence Address - Street 1903 Birds Nest Court	Post Office Address - Street Same
City (Zip) Cedar Park 78613	City (Zip) Same
State or Country Texas	State or Country USA
Date <input checked="" type="checkbox"/> 3-31-2004	Signature <input checked="" type="checkbox"/> J.W. Griffith

BEST AVAILABLE COPY

APPLICABLE RULES AND STATUTES

37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and